

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,835,969 B1  
APPLICATION NO. : 10/606820  
DATED : December 28, 2004  
INVENTOR(S) : Philbert Francis Marsh

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Abstract, line 14 delete "channel layer where." and replace with --channel layer.--.

Column 1, line 48 delete "substrates" and replace with --substrates--.

Column 1, line 65 delete "figure" and replace with --figures--.

Column 3, line 3 delete " $P_{Rfout}$  Gain" and replace with -- $P_{Rfout}$  Gain--.

Column 3, line 5 delete "would twice" and replace with --would be twice--.

Column 3, line 7 delete "0.376" and replace with --0.37v--.

Column 3, line 8 delete "0.688." and replace with --0.68v--.

Column 3, line 33 delete "layer" and replace with --layers--.

Column 3, line 41 delete "layer the" and replace with --layer, the--.

Column 3, line 54 delete "of high" and replace with --of a high--.

Column 4, line 9 delete "all-InGaAs" and replace with --all InGaAs--.

Column 4, line 25 delete "and on Schottky" and replace with --and a Schottky--.

Column 4, line 49 delete "that the " and replace with --than the--.

Column 4, line 56 "0.43" and replace with --0.43.--.

Column 5, line 35 delete "and device FIG. 4" and replace with --with the device of FIG. 4--.

Column 5, line 49 delete "FIG. 4 an" and replace with --FIG. 4, an--.

Column 5, line 62 delete "0.53" and replace with --0.53.--.

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Column 6, line 21 delete "agreater" and replace with --a greater--.

Column 6, line 67 delete "layer 18, 20" and replace with --layers 18, 20--.

Column 7, line 1 delete "region the" and replace with --region, the--.

Column 7, line 13 delete "an molecular" and replace with --a molecular--.

Column 8, line 21 delete "50C" and replace with --50Ω--.

Column 9, line 39 delete "layer 18, 20" and replace with --layers 18, 20--.

Column 9, line 52 delete "GH<sub>z</sub> the" and replace with --GH<sub>z</sub>, the--.

Column 9, line 66 delete "For example the" and replace with --For examle, the--.

Column 10, line 27, 28 delete "Compression i.e." and replace with --compression, i.e.--.

Column 11, line 25 delete "layer and" and replace with --layer and;--.

Column 11, line 41 delete "that than the" and replace with --then the--.

Column 11, line 56 delete "layer and" and replace with --layer and;--.

Column 12, line 5 delete "layer," and replace with --layer;--.

Column 12, line 63 delete layer and" and replace with --layer and;--.

Column 13, line 13 delete "and wherein" and replace with --and;--.

Column 13, line 13 delete "layer," and replace with --layer;--.

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Column 14, line 3 delete "layer and" and replace with --layer and;--.

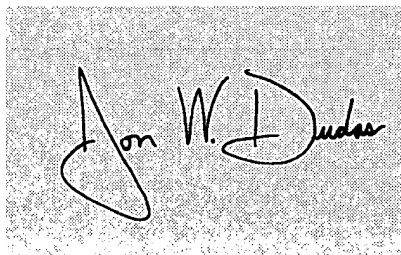
Column 14, line 17 delete "y:" and replace with --y;--.

Column 14, line 18, delete "layer and" and replace with --y;--.

Column 14, line 26 delete "0.15 and 0.65." and replace with --0.0 and 0.65.--.

Signed and Sealed this

Sixth Day of February, 2007

A handwritten signature in black ink, reading "Jon W. Dudas", is centered within a rectangular box. The signature is written in a cursive style with a large initial "J".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*